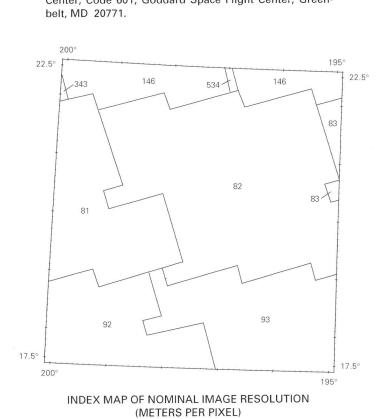


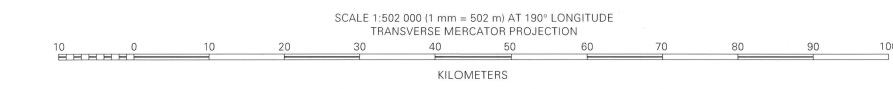
INDEX OF VIKING PICTURES

The mosaic was made with the Viking pictures outlined above. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Green-



NOTE TO USERS

Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 449, 2255 North Gemini Drive, Flagstaff, AZ 86001. A replacement copy will be returned.



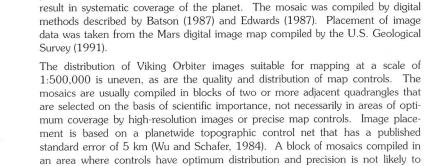
Prepared on behalf of the Planetary Geology Program, Solar System Exploration Division, Office of Space Science, National Aeronautics and Space Administration, under contract W–15,814

Edited by Doris Weir and Derrick D. Hirsch; cartography by Angel Macias Jr. Manuscript approved for publication March 8, 1993

MC-1

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NOTES ON BASE

This photomosaic covers part of an area of special scientific interest on Mars. It is published in a series designed to support topical studies, which is not expected to

match adjacent blocks previously compiled in areas where controls are sparse or imprecise. Where discrepancies exist between adjacent mosaics, the more recent compilation is likely to be more accurate.

The projection is part of a Mars Transverse Mercator (MTM) system with 20° zones. The scale factor at the central meridian of the zone containing this quadrangle is 0.9960. The projection scale is based on an oblate spheroid (flattening of 1/192) with an equatorial radius of 3393.4 km and a polar radius of 3375.7 km. Digital processing and mosaicking were done by Ella M. Lee.

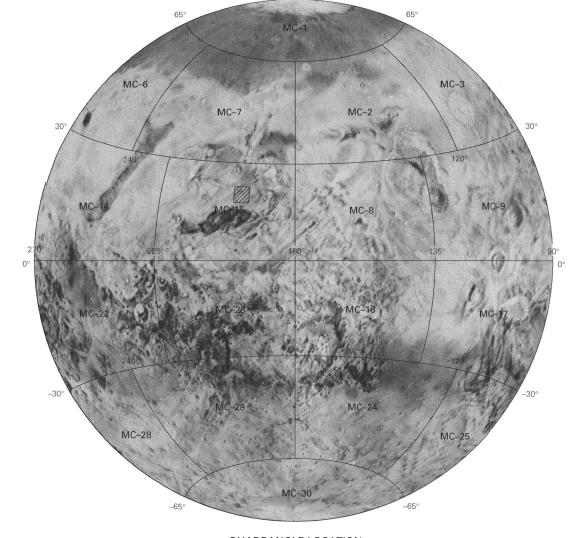
NOMENCLATURE Features located in this quadrangle have not been named by the International Astronomical Union. M 500k 20/197 CM: Abbreviation for Mars; 1:500,000 series; center of sheet lat 20° N., long 197°; controlled photomosaic (CM).

REFERENCES

Batson, R.M., 1987, Digital cartography of the planets: New methods, its status, and its future: Photogrammetric Engineering and Remote Sensing, v. 53, no. 9, p. 1211–1218.

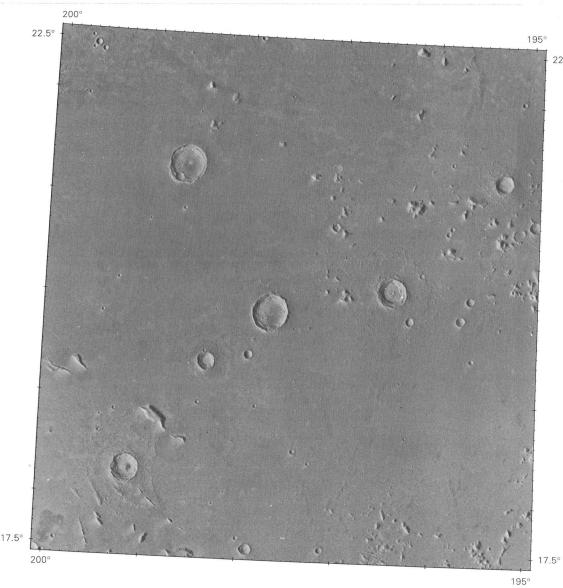
Edwards, Kathleen, 1987, Geometric processing of digital images of the planets: Photogrammetric Engineering and Remote Sensing, v. 53, no. 9, p.

U.S. Geological Survey, compiler [1991], Elysium Planitia Region, v. 4 of Mission to Mars: Digital image map: National Aeronautics and Space Administration [CD-ROM3].
Wu, S.S.C., and Schafer, F.J., 1984, Mars control network: American Society of Photogrammetry, in Technical papers of the 50th annual meeting of the American Society of Photogrammetry, v. 2, Washington, D.C., March 11–16, 1984, p. 456–463.



QUADRANGLE LOCATION

Photomosaic location is shown in the eastern hemisphere of Mars. An outline of 1:5,000,000-scale quadrangles is provided for reference.



Features located in this quadrangle have not been named by the International Astronomical Union.